



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

ArcelorMittal (Deerfield Storage Facility) Public Meeting

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ArcelorMittal Burns Harbor (Deerfield Storage Facility)
New Solid Waste Facility Permit Application
Public Meeting
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This fact sheet briefly describes the proposed facility, and the solid waste permitting process.

Description of Site

ArcelorMittal Burns Harbor is an integrated steel manufacturing facility located at 250 West US Highway 12 in Burns Harbor, Indiana. The proposed Deerfield Storage Facility will be located onsite within this existing facility and contain approximately 75.4 acres for disposal. The facility design is expected to meet or exceed the requirements of the applicable Title 329 IAC Article 10 Rules for Type I Restricted Waste Site (RWS I) facilities by including a composite liner system with a leachate collection system. The final cover system is also expected to meet or exceed the RWS I requirements by including a low permeable synthetic membrane, a surface water management system, and erosion/sedimentation control. The groundwater beneath the proposed facility will be monitored by a network of monitoring wells that will be sampled semi-annually and analyzed for waste-related impacts on groundwater quality. Leachate will be collected above the liner system and routed to a proposed leachate storage pond. The proposed facility will be designed to accept secondary waste water treatment plant (SWWTP) sludge, blast furnace filter cake, basic oxygen furnace (BOF) filter cake/sludge, RSB final thickener filter cake, coke oven dust, coal, coke and sand, roll shop grinding sludge, rubble debris and burnt lime. The proposed site has an expected and planned facility life of forty (40) years.

The Permitting Process

The Indiana Department of Environmental Management (IDEM) is responsible for administering the state's solid waste regulations (329 IAC 10). Chemists, geologists and engineers from IDEM's Office of Land Quality (OLQ) evaluate permit applications for compliance with the regulations and make the determination to grant or deny the permit. By statute, IDEM has three hundred sixty-five (365) days to act on a permit application for a new solid waste disposal facility. If IDEM requires additional information to evaluate the application, a Request for Additional Information (RAI) is issued and the review clock is suspended until the requested information is submitted to IDEM. All correspondence and information relative to the solid waste facility is available for public review at IDEM's Virtual File Cabinet as described later in this fact sheet. Alicia Brown, the Permit Manager for this application, is responsible for overseeing the permitting process and is available to answer your questions concerning this